

U.S. SERIAL NO: 07/867, 819
FILED: April 13, 1992
AMENDMENT

Page 23, lines 21 and 23, delete "Tween" and insert --
TWEEN® (surfactant) --.

Page 23, line 30, delete "Microelisa" and insert --
MICROELISA®-- in place thereof.

In the Claims

Please cancel claims 4 and 5.

ST
Sub
73
12. (four times amended) A method for screening
patients for [autoimmune disorders] autoantibodies to Ro/SSA
comprising reacting a biological sample with a peptide forming a
linear epitope selected from the group of peptides of less than
forty amino acids, beginning with the amino acid numbered from
the amino terminus followed by the listed amino acid sequence
consisting of

the Ro/SSA epitopes: 30, MNRLHRFL (Sequence Listing ID
No. 37), 37, LCFGSEGGT (Sequence Listing ID No. 38), 38, CFGSEGGT
(amino acids 2-9 of Sequence Listing ID No. 38), 41, SEGTTYIKEQ
(Sequence Listing ID No. 39), 42, EGGTTYIKEQ (amino acids 2-11 of
Sequence Listing ID No. 39), 44, GTYYIKEQ (amino acids 4-11 of
Sequence Listing ID No. 39), 44, GTYYI (amino acids 4-8 of
Sequence Listing ID No. 39), 76, EIKSFSQEGRT (Sequence Listing ID
No. 40), 78, KSFSQEGR (amino acids 3-10 of Sequence Listing ID
No. 40), 81, SQEGRTTKQ (Sequence Listing ID No. 41), 84,
GRTTKQEPM (Sequence Listing ID No. 42), 106, STKQAAFKAV (amino
acids 2-11 of Sequence Listing ID No. 43), 105, ISTKQAAFKAVS

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(Sequence Listing ID No. 43), 108, KQAAFKAV (amino acids 4-11 of Sequence Listing ID No. 43), 111, AFKAVSEVC (Sequence Listing ID No. 44), 126, FTFIQFKKDLKESMK (Sequence Listing ID No. 45), 130, QFKKDLKE (amino acids 5-12 of Sequence Listing ID No. 45), 138, SMKCGMWGRA (Sequence Listing ID No. 46), 139, MKCGMWGRA (amino acids 2-10 of Sequence Listing ID No. 46), 142, GMWGRALRKAIA (Sequence Listing ID No. 47), 145, GRALRKAI (amino acids 4-11 of Sequence Listing ID No. 47), 165, ALAVTKYQQRNGWSHKDLLRLSH (Sequence Listing ID No. 48), 169, TKYQQRNG (amino acids 5-12 of Sequence Listing ID No. 48), 173, QRNGWSHK (amino acids 9-16 of Sequence Listing ID No. 48), 182, LLRLSHLKPSS (Sequence Listing ID No. 49), 184, RLSHLKPS (amino acids 3-10 of Sequence Listing ID No. 49), 199, TKYITKGW (amino acids 2-9 of Sequence Listing ID No. 71), 202, ITKGWKEV (amino acids 5-12 of Sequence Listing ID No. 71), 210, HELYKEKA (Sequence Listing ID No. 50), 212, LYKEKALSV (Sequence Listing ID No. 51), 216, KALSVETEKLLKYL (Sequence Listing ID No. 52), 222, TEKLLKYL (amino acids 7-14 of Sequence Listing ID No. 52), 224, KLLKYLEA (Sequence Listing ID No. 53), 229, LEAVEKVKRTKDE (Sequence Listing ID No. 54), 234, KVKRTKDE (amino acids 6-13 of Sequence Listing ID No. 54), 257, HLLTNHLKSKEVWKALLQEMPL (Sequence Listing ID No. 55), 263, LKSKEVWK (amino acids 7-14 of Sequence Listing ID No. 55), 264, KSKEVWKA (amino acids 8-15 of Sequence Listing ID No. 55), 265, SKEVWK (amino acids 9-14 of Sequence Listing ID No. 55), 280

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ALLRNLGKMTA (Sequence Listing ID No. 56), 283, RNLGKMT (amino acids 4-10 of Sequence Listing ID No. 56), 285, LGKMTANS (Sequence Listing ID No. 57), 308, LCNEKLLKKARIHPFHI (Sequence Listing ID No. 58), 313, LLKKARI (amino acids 6-12 of Sequence Listing ID No. 58), 315, KKARIHPF (amino acids 8-15 of Sequence Listing ID No. 58), 330, TYKTGHGLRGKWKRPDE (Sequence Listing ID No. 59), 331, YKTGHGL (amino acids 2-8 of Sequence Listing ID No. 59), 352, ALDAAFYK (Sequence Listing ID No. 60), 355, AAFYKTFKTVEPTGKRFLLA (Sequence Listing ID No. 61), 379, ASMNQRVLGS (Sequence Listing ID No. 62), 365, EPTGKRFL (amino acids 11-18 of Sequence Listing ID No. 61), 398, AMCMVVTR (Sequence Listing ID No. 63), 414, AFSDEMVP (Sequence Listing ID No. 64), 420, VPCPVTTD (Sequence Listing ID No. 65), 433, VLMAMSQI (Sequence Listing ID No. 66), 445, TDCSLPMI (Sequence Listing ID No. 67), 449, LPMIWAQKTNTPA (amino acids 3-15 of Sequence Listing ID No. 68), 472, TFAGGVHPAI (Sequence Listing ID No. 69), 472, TFAGGVHP (amino acids 1-8 of Sequence Listing ID No. 69), 481, IALREYRKKMDIPAKL (Sequence Listing ID No. 70), 484, REYRKKMD (amino acids 4-11 of Sequence Listing ID No. 70).

13. (twice amended) The method of claim 12 wherein the peptide is labelled with a compound selected from the group consisting of dyes, fluorescent labels, chemiluminescent labels, enzymes, and radioactive labels.